

# ABSTRACT

The invention provides a polymer composite particle having superb blending stability even in a W/O emulsion cosmetic, a highly effective ultraviolet protection effect and a good feeling in use. The invention also relates to a method of producing the polymer composite particle and a cosmetic composition containing the polymer composite particle. A preferred polymer composite particle contains a metal oxide coated with a silicone and/or fluorine compound and has an average particle diameter of 1  $\mu\text{m}$  or less, wherein the polymer composite particle is obtained by polymerizing a crosslinking agent with a vinyl monomer contained in an amount of 25% by weight based on 100% by weight of the sum of total of all the monomers and crosslinking agent and wherein the vinyl monomer has a solubility parameter calculated by the Fedors method of less than about 8.9. A preferred cosmetic composition may contain (A) a microparticle metal oxide having an average primary particle diameter of from 0.001 to 0.1  $\mu\text{m}$ , and (B) a flake zinc oxide having an average primary particle size of from 0.1  $\mu\text{m}$  to 1  $\mu\text{m}$  and an average thickness of from 0.01  $\mu\text{m}$  to 0.2  $\mu\text{m}$ , which provides ultraviolet protection ability and visible-light transmittance.